

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for EUGENOL-METHYL-ETHER

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Acorus calamus</i>	Rhizome	--	--		Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<i>Agastache rugosa</i>	Essential Oil	--	--		Jim Duke's personal files.
<i>Agastache rugosa</i>	Shoot	--	--		Jim Duke's personal files.
<i>Alpinia galanga</i>	Rhizome	--	--		--
<i>Anemopsis californica</i>	Root	--	--		Childs, R. F., Cole, J. R. 1965. <i>Phytochemical and Pharmacological Investigation of Anemopsis californica</i> . <i>J. Pharm. Sci.</i> , 54: 789.
<i>Artemisia dracunculus</i>	Shoot	--	--		--
<i>Artemisia dracunculus</i>	Essential Oil	--	5300	-0.5830399519329805	--
<i>Artemisia dracunculus</i>	Shoot Essent. Oil	--	--		--
<i>Cananga odorata</i>	Flower	--	--		--
<i>Cinnamomum verum</i>	Leaf Essent. Oil	--	--		--
<i>Cinnamomum verum</i>	Stem Bark	--	--		--
<i>Cucumis melo</i>	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
<i>Hyssopus officinalis</i>	Shoot	50	50	1.4142135623730947	Kerrola, K., Galambosi, B. and Kallio, H. 1994. <i>Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.)</i> <i>J. Agric. Food Chem.</i> 42: 776-781.
<i>Hyssopus officinalis</i>	Shoot	--	20	-0.40406101782088455	Kerrola, K., Galambosi, B. and Kallio, H. 1994. <i>Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.)</i> <i>J. Agric. Food Chem.</i> 42: 776-781.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot	--	30	0.20203050891044186	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	30	0.20203050891044186	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	20	-0.40406101782088455	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	40	0.8081220356417683	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	50	1.4142135623730947	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	10	-1.010152544552211	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	30	0.20203050891044186	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Hyssopus officinalis	Shoot	--	40	0.8081220356417683	Kerrola, K., Galambosi, B. and Kallio, H. 1994. Volatile Components and Odor Intensity of Four Phenotypes of Hyssop (<i>Hyssopus officinalis</i> L.) <i>J. Agric. Food Chem.</i> 42: 776-781.
Laurus nobilis	Essential Oil	--	--		--
Laurus nobilis	Leaf Essent. Oil	5000	77000	-1	--
Melaleuca alternifolia	Essential Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Myristica fragrans</i>	Essential Oil	1000	3000	-0.6504264790408124	--
<i>Myristica fragrans</i>	Seed Essent. Oil	1000	6000		--
<i>Myristica fragrans</i>	Seed	--	--		--
<i>Myristica fragrans</i>	Fruit	--	--		--
<i>Myrrhis odorata</i>	Essential Oil	--	90800	1.9219809470755538	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
<i>Ocimum basilicum</i>	Plant	375	2500		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Ocimum basilicum</i>	Essential Oil	--	26800	0.04687758407501351	--
<i>Ocimum basilicum</i>	Shoot Essent. Oil	2000	8200		--
<i>Ocimum basilicum</i>	Leaf Essent. Oil	--	378000	1	--
<i>Ocimum sanctum</i>	Leaf	1200	1400	-0.07470211141938432	Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Ocimum tenuiflorum</i>	Leaf	1200	1400	-0.07470211141938432	--
<i>Origanum onites</i>	Shoot	0	0	-1.6162440712835375	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.
<i>Pimenta dioica</i>	Fruit	8000	22500		--
<i>Pimenta dioica</i>	Leaf Essent. Oil	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pimenta racemosa	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Piper betel	Leaf	80	6635	2.155709789419842	--
Piper nigrum	Leaf Essent. Oil	--	--		--
Piper nigrum	Fruit Essent. Oil	--	--		--
Prunus cerasus	Plant	--	--		--
Rosmarinus officinalis	Leaf	5	5	-0.6690525606401523	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus officinalis	Leaf	--	7	-0.6682004453007676	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Rosmarinus officinalis	Leaf	--	5	-0.6690525606401523	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Sarracenia flava	Essential Oil	--	--		--
Tagetes filifolia	Essential Oil	--	100	-0.7353921001767744	Hussain, R.A., et. al. 1990. Sweetening Agents of Plant Origin: Phenylpropanoid Constituents of Seven Sweet-Tasting Plants. Econ. Bot. 44 2: 174-182. Program Collab. Res. Pharm. Sci. Coll. Pharmacy Univ. Illinois at Chicago IL 60680, USA.
Tagetes lucida	Leaf	--	--		Tramil
Thymus capitatus	Shoot	0	0	-1.6162440712835375	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. Flav. & Frag. J. 8: 331-7.

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Trifolium pratense	Root	--	--	--	--